In the Claims:

1.   (Currently Amended) A method of transforming a wireless network, the method comprising:

using a computer system for determining a subscriber profit proxy for a plurality of subscribers in the wireless network;

using the computer system for determining a number of minutes of use over a period of time for one or more of the subscribers;

using the computer system for determining a service quality metric for one or more sectors in the wireless network;

using the computer system for determining an investment return per sector for one or more of the sectors, wherein the investment return is based upon the subscriber profit proxy for the plurality of subscribers, the number of minutes of use over the period of time for the one or more of the subscribers, and the service quality metric for the one or more sectors in the wireless network; and

~~using the computer system for~~ selecting ~~an area~~ <u>one of the sectors in the wireless</u> <u>network</u> for capital investment, the selecting based at least in part on the investment return per sector.

2.   (Original) The method of claim 1, wherein the subscriber profit proxy is based at least in part on revenue collected from the subscriber, an expected number of months under a contract, an acquisition cost, and a service delivery cost.

3.   (Previously Presented) The method of claim 2, wherein the subscriber profit proxy (SPP) value is determined at least in part by the equation:

$$SPP_i = V_i * M_i - A_i - S_i$$

wherein

V_i is the revenue per month for subscriber I;

M_i is the expected months under contract for subscriber I;

A_i is the acquisition cost for subscriber I; and

S_i is the service delivery cost for subscriber I.

4.   (Previously Presented) The method of claim 1, wherein the minutes of use over the period of time is based on call detail records collected during peak usage periods.

5.   (Original) The method of claim 1, wherein the service quality metric comprises a dropped call rate for each sector.

6.   (Original) The method of claim 5, wherein the dropped call rate is determined from call detail records collected from each sector.

7.   (Previously Presented) The method of claim 1, wherein the determining the investment return comprises:

determining a profit per sector;

determining a dropped-call rate per sector;

determining an investment needed per sector to reduce dropped calls in each sector; and

determining the investment return per sector based at least in part on the profit per

sector, the dropped-call rate per sector, and the investment needed per sector to reduce dropped calls in each sector.

8.   (Previously Presented) The method of claim 7, wherein the determining the profit per sector is performed in accordance with the equation:

$$P_k = \sum_i \left[SPP_i * \frac{MOU_{ik}}{\sum_j MOU_{ij}} \right]$$

wherein

k represents a sector;

I represents a subscriber;

P_k is the profit for sector k;

SPP_i is the subscriber profit proxy value for subscriber I;

MOU_{ik} is the minutes of use for subscriber I in sector k; and

$\sum_j MOU_{ij}$ is a sum of the minutes of use for subscriber I in all sectors.

9.   (Previously Presented) The method of claim 7, wherein the determining the investment return of a sector is performed in accordance with the equation:

$$R_k = P_k + D_k - I_k$$

wherein

k represents a sector;

P_k is the profit for sector k;

D_k is the drop-call rate for sector k; and

I_k is investment needed to investment needed to reduce dropped calls in sector k.

10.   (Currently Amended) The method of claim 1, wherein the selecting the ~~area~~ <u>one of the sectors</u> for the capital investment is performed at least in part by prioritizing the sectors based upon the investment return for each respective sector.

11-21. (Canceled)

22.   (Currently Amended) A computer program product for analyzing a capital investment in a wireless network, the computer program product having a medium with a computer program embodied thereon, the computer program product comprising:

computer program code for determining a subscriber profit proxy for a plurality of subscribers in the wireless network;

computer program code for determining a number of minutes of use over a period of time for one or more of the subscribers;

computer program code for determining a service quality metric for one or more sectors in the wireless network;

computer program code for determining an investment return for <u>the</u> one or more ~~of the~~ sectors, wherein the investment return is based upon the subscriber profit proxy for the plurality of subscribers, the number of minutes of use over the period of time for the one or more of the subscribers, and the service quality metric for the one or more sectors

in the wireless network; and

computer program code for ~~selecting an area~~ <u>identifying one of the wireless</u> <u>network sectors</u> for the capital investment, the ~~selecting~~ <u>identifying</u> based at least in part on the investment return for the one or more sectors.

23.　(Original)　The computer program product of claim 22, wherein the computer program code for determining a subscriber profit proxy includes computer program code for including revenue collected from the subscriber, an expected number of months under a contract, an acquisition cost, and a service delivery cost.

24.　(Previously Presented)　The computer program product of claim 22, wherein the computer program code for determining a subscriber profit proxy (SPP) value includes computer program code for performing the equation:

$$SPP_i = V_i * M_i - A_i - S_i$$

wherein

V_i is the revenue per month for subscriber I;

M_i is the expected months under contract for subscriber I;

A_i is the acquisition cost for subscriber I; and

S_i is the service delivery cost for subscriber I.

25.　(Previously Presented)　The computer program product of claim 22, wherein the minutes of use over the period of time is based on call detail records collected during peak usage periods.

26. (Original) The computer program product of claim 22, wherein the computer program code for determining a service quality metric includes computer program code for determining a dropped call rate for each of the one or more sectors.

27. (Original) The computer program product of claim 26, wherein the dropped call rate is determined from call detail records collected from each of the one or more sectors.

28. (Previously Presented) The computer program product of claim 22, wherein the computer program code for determining the investment return comprises:

    computer program code for determining a profit per sector;

    computer program code for determining a dropped-call rate per sector;

    computer program code for determining an investment needed per sector to reduce dropped calls in each sector; and

    computer program code for determining the investment return per sector based at least in part on the profit per sector, the dropped-call rate per sector, and the investment needed per sector to reduce dropped calls in each sector.

29. (Previously Presented) The computer program product of claim 28, wherein the computer program code for determining the profit per sector includes computer program code to perform the equation:

$$P_k = \sum_i \left[SPP_i * \frac{MOU_{ik}}{\sum_j MOU_{ij}} \right]$$

    wherein

k represents a sector;

i represents a subscriber;

P_k is the profit for sector k;

SPP_i is the subscriber profit proxy value for subscriber i;

MOU_{ik} is the minutes of use for subscriber i in sector k; and

$\sum_j MOU_{ij}$ is a sum of the minutes of use for subscriber i in all sectors.

30. (Previously Presented) The computer program product of claim 29, wherein the computer program code for determining the investment return of a sector includes computer program code for performing the equation:

$$R_k = P_k + D_k - I_k$$

wherein

k represents a sector;

P_k is the profit for sector k;

D_k is the drop-call rate for sector k; and

I_k is investment needed to investment needed to reduce dropped calls in sector k.

31. (Currently Amended) The computer program product of claim 22, wherein the computer program code for ~~selecting an area~~ <u>identifying one of the wireless network</u>

sectors for the capital investment includes computer program code for prioritizing the sectors based upon the investment return for each respective sector.

32-42.   (Canceled)

43.   (Currently Amended) ~~A method of transforming a wireless network, the method comprising:~~ The method of claim 1, further comprising:

     ~~determining a subscriber profit proxy for a plurality of subscribers in the wireless network;~~

     ~~determining a number of minutes of use over a period of time for one or more of the subscribers;~~

     ~~determining a service quality metric for one or more sectors in the wireless network;~~

     ~~determining an investment return per sector for one or more of the sectors, wherein the investment return is based upon the subscriber profit proxy for the plurality of subscribers, the number of minutes of use over the period of time for the one or more of the subscribers, and the service quality metric for the one or more sectors in the wireless network;~~

     ~~analyzing an area for capital investment, the analyzing based at least in part on the investment return per sector; and~~

     ~~modifying the wireless network by~~ deploying additional equipment to a base transceiver station (BTS) serving ~~at least one sector, the modifying~~ the one of the sectors, based at least in part on the ~~analyzing the area~~ selecting the one of the sectors for the capital investment.

44.   (Previously Presented) The method of claim 43, wherein the additional equipment is selected from the group consisting of: a radio tower, an antenna, a radio, a cable, and combinations thereof.

45-52. (Canceled)

53.   (New) The method of claim 1, wherein the selecting the one of the sectors for capital investment further comprises selecting more than one of the sectors in the wireless network for capital investment.

54.   (New) The method of claim 53, wherein the one of the sectors is served by a first base transceiver station (BTS) in the wireless network, and wherein the selecting the one of the sectors for capital investment further comprises selecting all sectors served by the first BTS for capital investment.

55.   (New) The computer program product of claim 22, further comprising computer program code for identifying additional equipment to deploy to a first base transceiver station (BTS) serving the one of the wireless network sectors.

56.   (New) The computer program product of claim 55, wherein the additional equipment is selected from the group consisting of: a radio tower, an antenna, a radio, a cable, and combinations thereof.

57.   (New) The computer program product of claim 22, wherein the computer program code for identifying one of the wireless network sectors for the capital

investment further comprises computer program code for identifying more than one of the wireless network sectors for capital investment.

58.   (New) The computer program product of claim 57, wherein the one of the wireless network sectors is served by a first base transceiver station (BTS) in the wireless network, and wherein the computer program code for identifying the one of the wireless network sectors for capital investment further comprises computer program code for identifying all sectors served by the first BTS for capital investment.